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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.		M4065.0693/P693-A
First Inventor		John T. Moore
Title	METHOD OF FORMING NON-VOLATILE RESISTANCE VARIABLE DEVICES, METHOD OF PRECLUDING DIFFUSION OF A METAL, etc.	
Express Mail Label No.		

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
 (Submit on original, and a duplicate for fee processing)

2. Applicant claims small entity status.
 See 37 CFR 1.27.

3. Specification [Total Pages **31**]
 (preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed Sponsored R & D
 - Reference to Prior Art (citing, a table, or a computer program listing appendix)
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure

4. Drawing(s) (35 U.S.C. 113) [Total Sheets **3**]
 5. Oath or Declaration [Total Sheets **2**]
 a. Newly executed (original or copy)
 b. Copy from a prior application (37 CFR 1.63(d))
 (for continuation/divisional with Box 18 completed)
 i. DELETION OF INVENTOR(S)
 Signed statement attached deleting
 inventor(s) named in the prior application,
 see 37 CFR 1.63(d)(2) and 1.33(b).

6. Application Data Sheet. See 37 CFR 1.76

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-In-part (CIP)

of prior application No.:

09/779,983 filed
February 8, 2001

Prior application information: Examiner **Michael K. Luhrs** Art Unit **2824**
 For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number or Bar Code Label	24998			or <input type="checkbox"/> Correspondence address below	
Name	DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP Thomas J. D'Amico				
Address	2101 L Street NW				
City	Washington	State	DC	Zip Code	20037-1526
Country	US	Telephone	(202) 785-9700	Fax	(202) 887-0689
Name (Print/Type)	Thomas J. D'Amico	Registration No. (Attorney/Agent)	28,371		
Signature				Date	September 10, 2003

10/661602

09-12-03

10334 U.S. PTO
09/27/03

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FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 852.00)

Complete if Known

Application Number	Not Yet Assigned
Filing Date	September 10, 2003
First Named Inventor	John T. Moore
Prior Examiner Name	Michael K. Luhrs
Prior Art Unit	2824
Attorney Docket No.	M4065.0693/P693-A

METHOD OF PAYMENT (check all that apply)

<input type="checkbox"/> Check	<input checked="" type="checkbox"/> Credit Card	<input type="checkbox"/> Money Order	<input type="checkbox"/> Other	<input type="checkbox"/> None
<input checked="" type="checkbox"/> Deposit Account				

Deposit Account Number 04-1073

Deposit Account Name Dickstein Shapiro Morin & Oshinsky LLP

The Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments

Charge any additional fee(s) during the pendency of this application

Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)
1051	130	2051	65 Surcharge - late filing fee or oath
1052	50	2052	25 Surcharge - late provisional filing fee or cover sheet.
1053	130	1053	130 Non-English specification
1812	2,520	1812	2,520 For filing a request for ex parte reexamination
1804	920*	1804	920* Requesting publication of SIR prior to Examiner action
1805	1,840*	1805	1,840* Requesting publication of SIR after Examiner action
1251	110	2251	55 Extension for reply within first month
1252	410	2252	205 Extension for reply within second month
1253	930	2253	465 Extension for reply within third month
1254	1,450	2254	725 Extension for reply within fourth month
1255	1,970	2255	965 Extension for reply within fifth month
1401	320	2401	150 Notice of Appeal
1402	320	2402	150 Filing a brief in support of an appeal
1403	260	2403	140 Request for oral hearing
1451	1,510	1451	1,510 Petition to institute a public use proceeding
1452	110	1452	55 Petition to revive - unrevivable
1453	1,300	1453	650 Petition to revive - unintentional
1501	1,300	2501	650 Utility issue fee (or reissue)
1502	470	2502	235 Design issue fee
Total Claims	21 -20** = 1	Fee from below	Fee Paid
Independent Claims	4 -3** = 1	x 18.00	= 18.00
Multiple Dependents		x 84.00	= 84.00
Large Entity	Small Entity	Fee Description	
Fee Code	Fee (\$)	Fee Code	Fee (\$)
1202	16	2202	9 Claims in excess of 20
1201	84	2201	42 Independent claims in excess of 3
1203	280	2203	140 Multiple dependent claim, if not paid
1204	84	2204	42 ** Reissue independent claims over original patent
1205	18	2205	9 ** Reissue claims in excess of 20 and over original patent
SUBTOTAL (1) (\$ 102.00)			
*Reduced by Basic Filing Fee Paid			
SUBTOTAL (3) (\$)			

**or number previously paid, if greater. For Reissues, see above

SUBMITTED BY

Complete (if applicable)

Name (Print/Type) Thomas J. D'Amico

Registration No. (Attorney/Agent) 28,371

Telephone (202) 628-4881

Signature

Date September 10, 2003